

45° 07' 30" N  
106° 37' 30" W  
SPRING GULCH

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

PINE BUTTE SCHOOL QUADRANGLE  
MONTANA—BIG HORN CO.  
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN-FILE REPORT  
This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.

OPEN-FILE REPORT 78-652

PLATE 64 OF 64

EXPLANATION



NON-FEDERAL COAL LAND--Land for which the Federal Government does not own the coal rights, and for which the coal-development potential is not rated.



AREA OF HIGH COAL-DEVELOPMENT POTENTIAL FOR SURFACE-MINING METHODS--Area has mining ratio values ranging from 0 to 10.



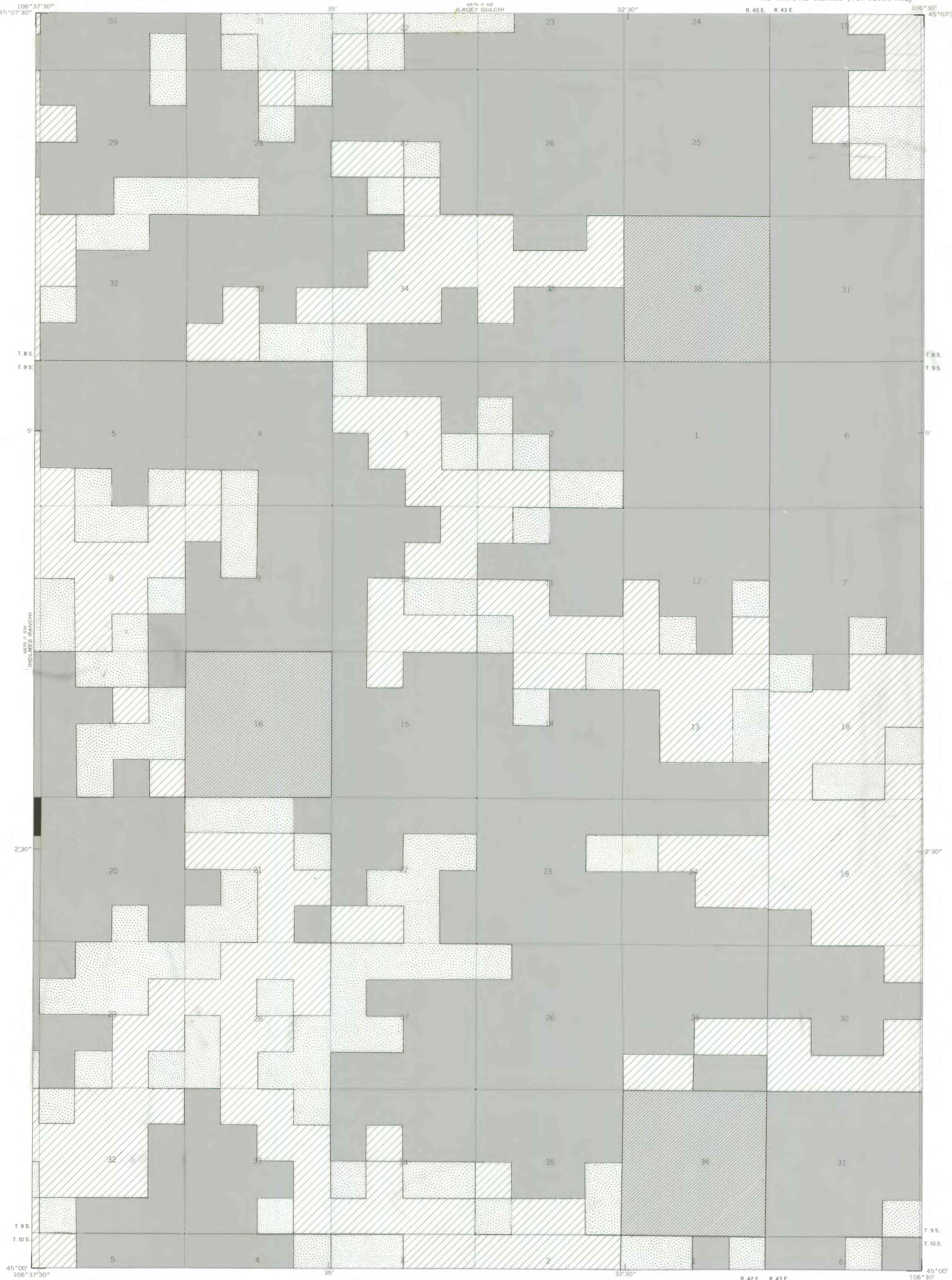
AREA OF MODERATE COAL-DEVELOPMENT POTENTIAL FOR SURFACE-MINING METHODS--Area has mining ratio values ranging from 10 to 15.



AREA OF LOW COAL-DEVELOPMENT POTENTIAL FOR SURFACE-MINING METHODS--Area has mining ratio values greater than 15.

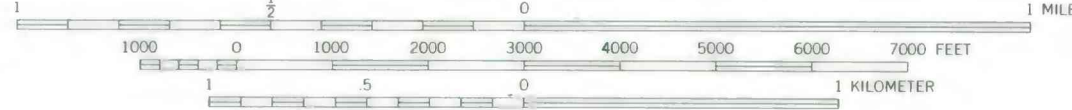


AREA NOT HAVING POTENTIAL FOR SURFACE MINING METHODS--Area lacks coal 5 feet (1.5 m) or more thick within 200 feet (61 m) of the surface.

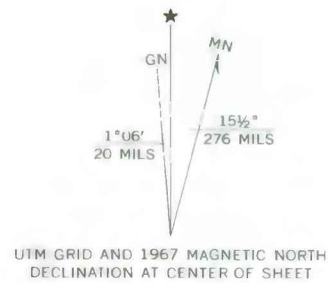


Base from U.S. Geological Survey, 1967

SCALE 1:24,000



Compiled in 1977



COAL RESOURCE OCCURRENCE AND COAL DEVELOPMENT POTENTIAL MAPS  
OF THE PINE BUTTE SCHOOL QUADRANGLE, BIG HORN COUNTY, MONTANA

By

W. C. CULBERTSON, L. N. ROBINSON AND T. M. GAFFKE

1978

PLATE 64.  
COAL DEVELOPMENT POTENTIAL  
FOR SURFACE-MINING METHODS